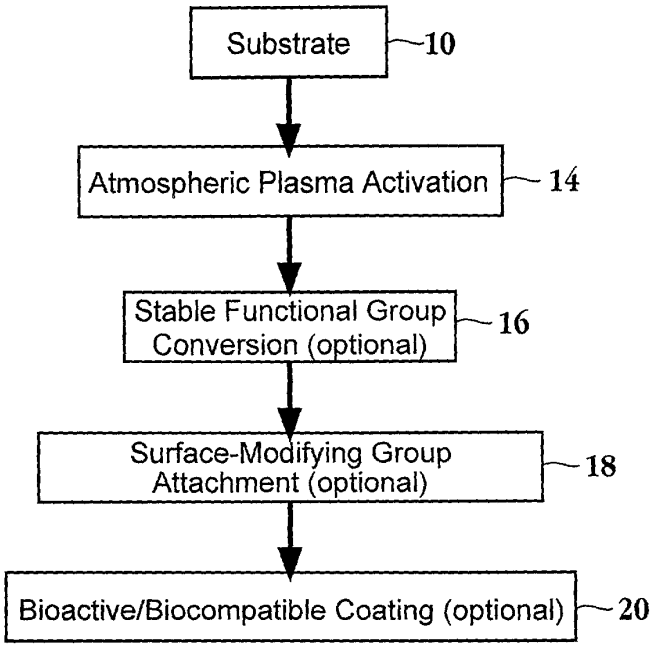
Substrate
10
Atmospheric Plasma Activation
14
Stable Functional Group Conversion (optional)
16
Surface-Modifying Group Attachment (optional)
18
Bioactive/Biocompatible Coating (optional)
20

Fig. 1

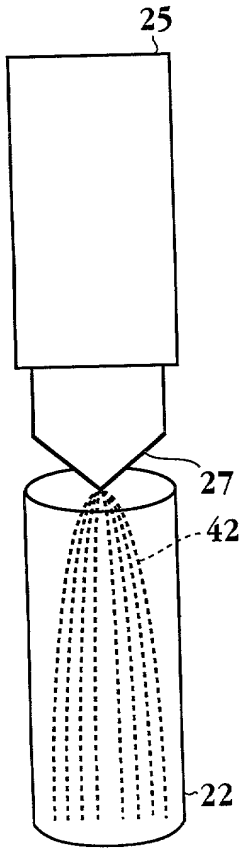

Fig. 2

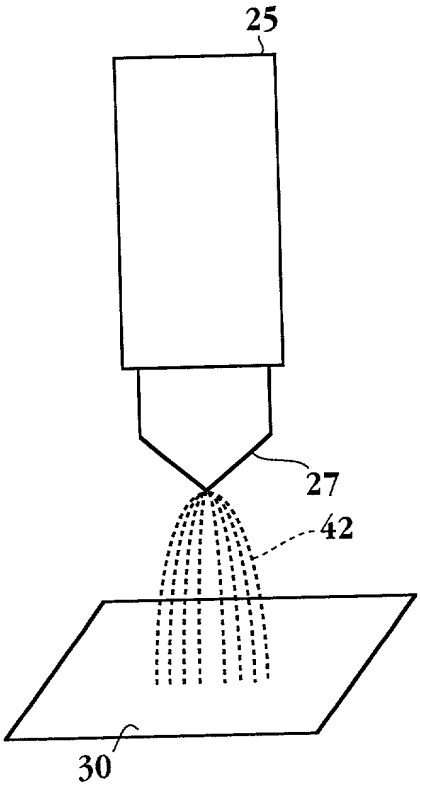

Fig. 3

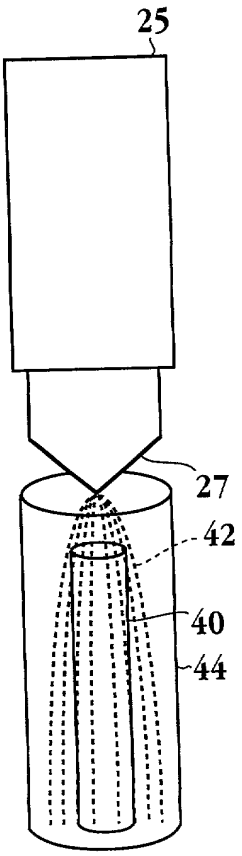

Fig. 4

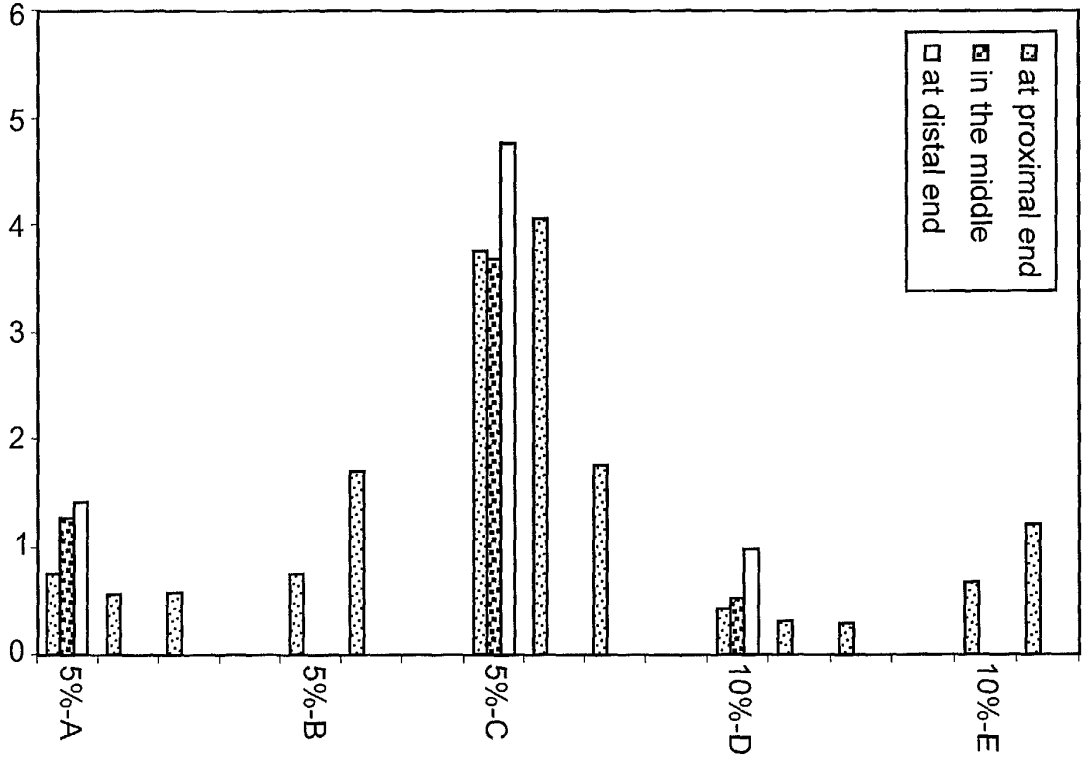
6
5
4
3
2
1
0
at proximal end
in the middle
at distal end
5%-A
5%-B
5%-C
10%-D
10%-E

Fig. 5

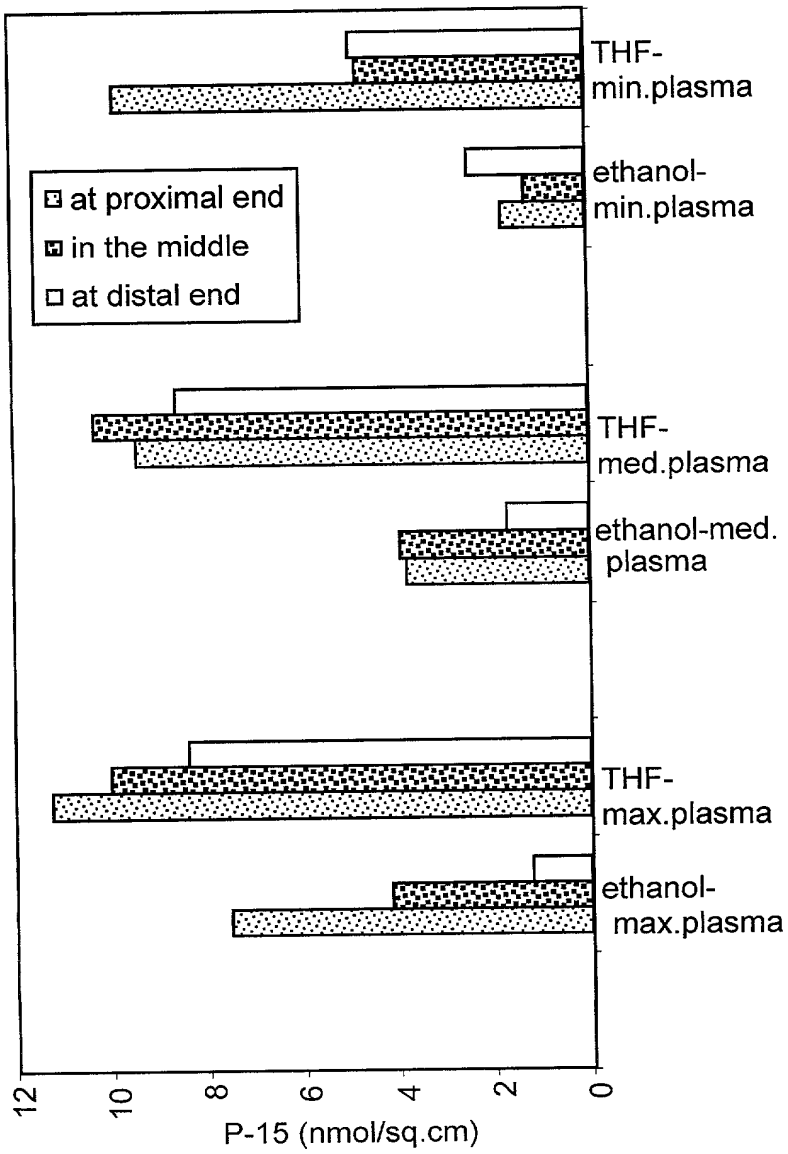
at proximal end
in the middle
at distal end
THF-min.plasma
ethanol-min.plasma
THF-med.plasma
ethanol-med. plasma
THF-max.plasma
ethanol-max.plasma
Sample types
12
10
8
6
4
2
0
P-15 (nmol/sq.cm)

Fig. 6

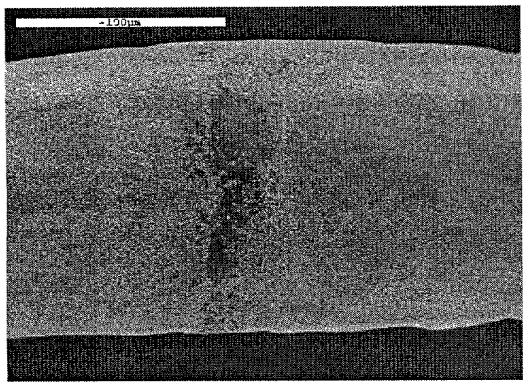

Fig. 7A

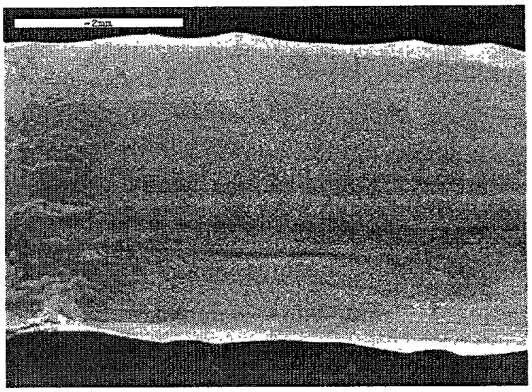

Fig. 7B

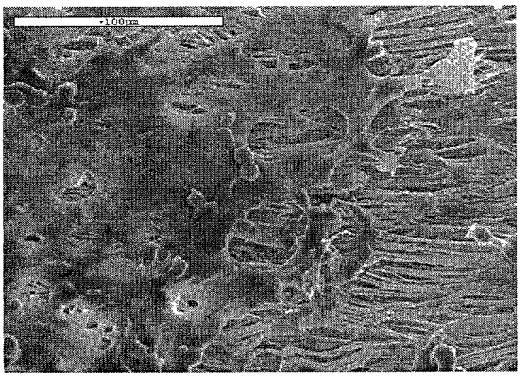

Fig. 8A

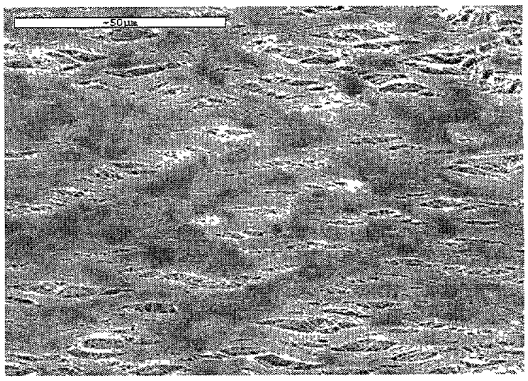

Fig. 8B